



"The education of our young people is vital to our future as an institution."

—Kurt Steinhaus
Executive Office Director,
LANL Community
Programs Office

Los Alamos National Laboratory (LANL) is a premier national security research institution, delivering scientific and engineering solutions for the nation's most complex problems.

Los Alamos National Security, LLC (LANS), which operates LANL, is committed to providing a positive and sustainable impact on our region by leveraging direct and indirect community investments in education. LANS invests more than \$1 million each year to enhance educational opportunities in science, technology, engineering, and math (STEM) education regionally and nationally.

Education Focus Areas

Our education commitments address four focus areas:

- **Workforce Development**
- **Student Internships**
- **Teacher and Faculty Professional Development**
- **Public Understanding of Science**

Highlights

LANS invests in STEM education for the people of Northern New Mexico through student scholarships, education grants, master teachers' support, workforce training, and professional development in quality education processes. We support more than 30 regional K-20 math and science education programs that include, but are not limited to:

- **Bradbury Science Museum programs**
- **Student internships**
- **Northern New Mexico Math and Science Academy**
- **Supercomputing Challenge**
- **Pueblo Education Outreach programs**

In 2010:

- **1,147 student interns worked at LANL**
- **Los Alamos Employees' Scholarship Fund awarded \$506,000 in scholarships to 51 Northern New Mexico students**



Joint Genome Institute program students extracting DNA from strawberries.



Student intern /LAESF scholarship recipient at work in LANL Material Science Lab.

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Science Education Community Service Time

Our employees participate in STEM-related education activities and programs in our communities. The Science Education Community Service program helps strengthen community partnerships that connect the Laboratory with our Northern New Mexico neighbors. Employees are allowed up to 32 hours annually to judge science fairs, give STEM-related talks and demonstrations in classrooms, and tutor students involved in organized STEM programs. In 2010, LANL employees served more than 3,016 hours of science education community service.

Public Understanding of Science

The Bradbury Science Museum provides interactive exhibits that incorporate hands-on learning activities focusing on LANL's defense, technology, and basic research projects, as well as the history of the Manhattan Project.

The Frontiers in Science lecture series provides a public-friendly overview of cutting-edge research and science projects being conducted here. The lectures are held in multiple locations in Northern New Mexico.



The Bradbury Science Museum's Science on Wheels program takes science to elementary schools.

Workforce and Pipeline Development

LANL's Institutional Agreements with key partners are structured to address the education, workforce, and student pipeline needs of Northern New Mexico. Through these partnerships, LANL seeks to foster greater public awareness and participation in STEM education programs for teachers, students, and lifelong learners. LANL also contributes significant funds to the community-directed LANL Foundation for education programs.

Education Partners

- **New Mexico Highlands University**
Computer Science
- **Northern New Mexico College**
Teacher Education and Nursing
- **Santa Fe Community College**
Advanced Technologies – Biofuels, Environmental, Facilities, Green Building
- **University of New Mexico-Los Alamos**
Applied Technologies – Electro Mechanical, Manufacturing, and Nano Technologies
- **Los Alamos National Laboratory Foundation**
 - Española Regional Quality Center
 - Northern New Mexico Math and Science Academy
 - Los Alamos Employees' Scholarship Fund
 - Education Outreach Grants